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PATENT TRADEMARK OFFICE

103.1038.01

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## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Gaurav BANGA

Serial No.: 09/578,218

Filed: May 23, 2000

Title: Auto-Detection of Duplex Mismatch  
on an Ethernet

Group Art Unit: Not Assigned

Examiner: Not Assigned

Attorney Docket No.: 103.1038.01

Assistant Commissioner for Patents

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Certification under 37 CFR 1.97(e), or  
☐ a \$240.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Certification under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2)(ii), and  
☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO SB/1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

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Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.



Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C.

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Typed Name: Arlette Malhas

Signature: Arlette Malhas

A handwritten signature in dark ink, appearing to read "John C. Merchant", written over a horizontal line.

John C. Merchant

Attorney/Agent for Applicant(s)

Reg. No. 45,996

Date: 10-26-00

Telephone No.: 650-947-0700 ext 309



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|--|----------------------|------------------------|-------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 09/578,218             |             |
|  | Filing Date          | May 23, 2000           |             |
|  | First Named Inventor | Gaurav BANGA           |             |
|  | Group Art Unit       | Not Assigned           |             |
|  | Examiner Name        | Not Assigned           |             |
| Total Number of Pages in This Submission   | 66                   | Attorney Docket Number | 103.1038.01 |

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| ENCLOSURES (check all that apply)  |   |   |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> To Convert a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):<br>Form 1449; cited art; and Return Postcard |
| <input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)                |   |   |
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| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                                  |
|--|----------------------------------|
| Firm or Individual name                    | John C. Merchant Reg. No. 45,996 |
| Signature                                  |                                  |
| Date                                       | 10-26-00                         |

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| Typed or printed name   | Arlette Malhas |      |          |
| Signature   |                | Date | 10.30.00 |

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